

**JP2001106628****ANSWER 1 OF 2 CAPLUS:**

ACCESSION NUMBER: 2001:270396 CAPLUS  
 DOCUMENT NUMBER: 134:300849  
 TITLE: Base film and material suitable for medical adhesive tape  
 INVENTOR(S): Kishii, Shiro; Ishiguro, Michihiro  
 PATENT ASSIGNEE(S): Kuraray Plastics Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001106628	A2	20010417	JP 1999-285474	19991006

PRIORITY APPLN. INFO.: JP 1999-285474 19991006  
 AB The invention relates to a base film and material suitable for use in a medical adhesive tape, e.g. an antiinflammatory patch, etc., providing improved flexibility; wherein the base film contains (1) hydrogenated block copolymer contg. arom. vinyl compd. 5-50 % having glass transition temp. of  $\leq -20^{\circ}$  and av. mol. wt. of  $5-15 \times 10^4$ , and conjugated diene compd. 100, (2) polyolefin 20-200, and a plasticizer 50-200 parts, wherein the film has a thickness of 20-200  $\mu\text{m}$ . A base film was prepd. from a isoprene-styrene hydrogenated block elastomer (Septon 4033), low-d. polyethylene (Ultzex 1520), and paraffin-based processing oil (Diana process oil PW-380) was prepd.

**ANSWER 2 OF 2 WPIX:**

ACCESSION NUMBER: 2001-435839 [47] WPIX  
 DOC. NO. NON-CPI: N2001-322959  
 DOC. NO. CPI: C2001-132153  
 TITLE: Base material film for skin pasting such as anti-inflammatory agent, comprises plasticizer, polyolefin resin and hydrogenated block copolymer, formed by hydrogenating block copolymer with polymer blocks.  
 DERWENT CLASS: A96 B07 P34  
 PATENT ASSIGNEE(S): (KURP) KURARAY PLASTICS KK  
 COUNTRY COUNT: 1  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 2001106628	A	20010417	(200147)*		5

**APPLICATION DETAILS:**

PATENT NO	KIND	APPLICATION	DATE
JP 2001106628	A	JP 1999-285474	19991006

PRIORITY APPLN. INFO: JP 1999-285474 19991006

AN 2001-435839 [47] WPIX

AB JP2001106628 A UPAB: 20010822

NOVELTY - A base material film (weight parts) with 20-200 micro m thickness, comprises plasticizer (50-200), polyolefin resin (20-200) and hydrogenated block copolymer (HBC) (100). HBC is obtained by performing hydrogen addition of block copolymer with 1 or more polymer block (B) containing conjugated diene compound, and 5-50 weight% of 2 or more polymer block (A) containing vinyl aromatic compound.

DETAILED DESCRIPTION - A base material film with 20-200 micro m thickness, comprises plasticizer (50-200 weight parts (wt.pts)), polyolefin resin (20-200 wt.pts), and hydrogenated block copolymer (100 wt.pts) with number average molecular weight of 50000-150000. The hydrogenated block copolymer is obtained by performing hydrogen addition of block copolymer with one or more polymer block (B) consisting of conjugated diene compound, and 5-50 weight% of two or more polymer block (A) of glass transition temperature of less than 20 deg. C, consisting of vinyl aromatic compound.

An INDEPENDENT CLAIM is also included for an attachment material which has an adhesive layer formed on the base material film.

USE - The invention is used for film-like skin pasting such as an anti-inflammatory agent and insect bite drug, or for sports articles, leisure articles, toys, foodstuffs, packaging films, sanitary materials such as adhesive plaster or poultice.

ADVANTAGE - The attachment material formed using the base material film, has excellent flexibility, elasticity and skin cracking property.  
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